

CLAIMS

1. An automatic design system, comprising:

an automatic designing means for computing output value information in compliance with output value computing information containing computational expressions, based on input value information required for automatic design of a product;

a draughting information forming means for forming draughting information to display the input value information, the output value information, and a drawing showing a shape based on the input value information and the output value information;

an image displaying means for displaying a drawing based on the draughting information; and

an attribute changing means for changing a display attribute on a drawing displayed by the image displaying means such that a display mode of the input value information is made different distinguishably from display modes of other information.

2. An automatic design system, according to claim 1, wherein, when the output value information is changed, the attribute changing means changes the display attribute on the drawing displayed by the image displaying means such that a display mode of changed output value information is made different distinguishably from display modes of other output

value information.

3. An automatic design system, according to claim 2, wherein the attribute changing means changes the display attribute such that a display mode of a shape of a portion that is changed following upon change of the output value information is made different distinguishably from display modes of shapes of other portions.

4. An automatic design method, comprising:

an automatic designing step of computing output value information in compliance with output value computing information containing computational expressions, based on input value information required for automatic design of a product;

a draughting information forming step of forming draughting information to display the input value information, the output value information, and a drawing showing a shape based on the input value information and the output value information;

an image displaying step of displaying a drawing based on the draughting information; and

an attribute changing step of changing a display attribute on a drawing displayed by the image displaying step such that a display mode of the input value information is made different distinguishably from display modes of other information.

5. An automatic design method, according to claim 4, wherein, when the output value information is changed, the attribute changing step changes the display attribute on the drawing displayed by the image displaying step such that a display mode of changed output value information is made different distinguishably from display modes of other output value information.

6. An automatic design method, according to claim 5, wherein the attribute changing step changes the display attribute such that a display mode of a shape of a portion that is changed following upon change of the output value information is made different distinguishably from display modes of shapes of other portions.

7. An automatic design program of causing a computer to execute

an automatic designing process of computing output value information in compliance with output value computing information containing computational expressions, based on input value information required for automatic design of a product,

a draughting information forming process of forming draughting information to display the input value information, the output value information, and a drawing showing a shape based on the input value information and the output value information,

an image displaying process of displaying a drawing based on the draughting information, and

an attribute changing process of changing a display attribute on a drawing displayed by the image displaying step such that a display mode of the input value information is made different distinguishably from display modes of other information.

8. An automatic design program according to claim 7, wherein, when the output value information is changed, the attribute changing process changes the display attribute on the drawing displayed by the image displaying process such that a display mode of changed output value information is made different distinguishably from display modes of other output value information.

9. An automatic design program according to claim 8, wherein the attribute changing process changes the display attribute such that a display mode of a shape of a portion that is changed following upon change of the output value information is made different distinguishably from display modes of shapes of other portions.